

General Environmental Incident Summary

Incident: 1263 **Notice:** 6/28/2010 1042 **Occurred:** 6/26/2010 1800

DEM Incident No:

No Further Action: ☒

Responsible Party: Montana Dakota Utilities Co

County: Burleigh

Twp Rng Sec Qtr: 139 80 32

Lat Long + Method: 46.81644 -100.80470 Derived from TRS

Location Description: 1200 Prairie Dr. Bismarck, ND - Highland Acres School
(Highland Acres Rd and Prairie Dr.)

Submitted By Info: Abbie Krebsbach
Montana-Dakota Utilities Co
400 N 4th St
Bismarck ND 58501

Received By Info:

Contact Info: Abbie Krebsbach
400 N 4th St
Bismarck ND 58501

Affected Medium: 02 - water

Near. Occupied Bldg: 0 Feet

Type of Incident: Electric polemount transformer spill

Release Contained:

Reported to NRC: Unknown

Contaminant: Non-PCB Mineral Oil

Volume of Release: 0.5 gallons

Duration of Release: 12 hours

Agriculture Related: No

**EPA Extremely
Hazardous Substance:** No

Number of Fatalities: 0

Number of Injuries: 0

Cause of Incident:

We believe lightning struck the transformer. An outage in the Highland Acres area initiated the investigation. The leak was not found initially and power was restored, however, another outage occurred and upon further investigation, the transformer at Highland Acres school was found to be leaking due to the top being ruptured.

Risk Evaluation:

There were no immediate risks identified. Onsite test confirmed the mineral oil was non-PCB, (having little to no PCBs present). A laboratory analysis of the mineral oil is being done to confirm the PCB test result conducted in the field.

Potential Env. Impacts:

A very small amount of mineral oil may have left the site with storm water since there was a light rain at the time.

Action Taken/Planned:

Spill containment was initiated immediately, using oil absorbent pigs and pads. The spill occurred partially on the roof of the school and partially in the parking lot. A sheen was seen in rainwater at the north end of the parking lot where there is no stormwater outlet. Pads were used to capture any oil in

the parking lot and pigs and pads were placed at the downspouts to collect any oily water coming off the roof. The pigs and pads were replaced periodically and placed into a containment drum.

Wastes Disposal Location:

Montana-Dakota will store the clean up debris in drums prior to shipping this material off for disposal according to applicable regulations. Montana-Dakota usually send this type of material to an approved landfill for disposal, however, it may be able to burn the material for energy recovery at one of its power plants.

Other Agencies Involved:

Updates

Date: 12/13/2017 ***Status:*** Reviewed - No Action Required

Author: Suess, Bill

Notes:

Due to the small volume released, the risk of environmental impacts are minimal.

Updated Volume: None at the time of this update